

1. (Currently Amended) A bone marker for use in image guided surgery, comprising:
____ a support having an anchor mechanism for anchoring the support in a bone, ~~the bone marker further comprising~~ at least one reference member detectable by an image guided system, the at least one reference member being attached to the support, ~~in which~~wherein the support comprises at least one limb ~~that~~which is resiliently deformable.
2. (Currently Amended) ~~The~~ A-bone marker ~~of as claimed in~~ claim 1, wherein ~~in which~~ the support further comprises at least one limb which is rigid.
3. (Currently Amended) ~~A bone marker as claimed in~~The bone marker of claim 1, wherein ~~the~~ in which a resiliently deformable limb comprises a tightly wound helical spring.
4. (Currently Amended) ~~A bone marker as claimed in~~The bone marker of claim 3, wherein ~~the~~ spring has ~~in which~~ ~~the~~ flat abutting surfaces ~~of the wire are flat~~.
5. (Currently Amended) ~~A bone marker as claimed in~~The bone marker of claim 1, wherein ~~in which~~ a resiliently deformable limb is made from a damped elastomer.
6. (Currently Amended) ~~A bone marker as claimed in~~The bone marker of claim 1, in which ~~a~~wherein the resiliently deformable limb is made from a shape memory alloy.
7. (Currently Amended) ~~A bone marker as claimed in~~The bone marker of claim 1, in whichwherein the ratio of the outer diameter of ~~the~~ aresiliently deformable limb to its inner diameter is at most 3:1.
8. (Currently Amended) ~~A bone marker as claimed in~~The bone marker of claim 1, in whichwherein the anchor mechanism comprises at least one fixation member for anchoring the bone marker in the bone, and a coupling member for coupling the support to the fixation member.

9. (Currently Amended) A ~~bone marker~~ as claimed in The bone marker of claim 8, in whichwherein the coupling member is adjustable to allow rotation of the support about the fixation member.
10. (Currently Amended) A ~~bone marker~~ as claimed in The bone marker of claim 8, in whichwherein the at least one fixation member is a threaded screw.
11. (Currently Amended) A ~~bone marker~~ as claimed in The bone marker of claim 10, in whichwherein the diameter of the threaded screw is not more than about 2 mm.
12. (Currently Amended) A ~~bone marker~~ as claimed in The bone marker of claim 1, in whichwherein the reference members transmit signals.
13. (Currently Amended) A ~~bone marker~~ as claimed in The bone marker of claim 1, wherein the reference members reflect signals.
14. (Cancelled)